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09/13/2006 HLE333

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130.00 DA

Attorney Docket No.

0930C

DAC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

: US 7,022,894 B2

Date of Issue

April 4, 2006

Name of Patentee

Pioneer Hi-Bred International, Inc.

Title of Invention

Methods of Transforming Plants and Identifying Parental

Origin of a Chromosome in Those Plants

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ATTENTION: Supervisory Patent Examiner, Unit 1638

PETITION FOR CORRECTION OF INVENTORSHIP OF PATENT (37 CFR § 1.324)

1.	This is a petition for correction of error in a			
		misjoinder nonjoinder		
	entor(s) in the above issued patent. It is respectfully requested that the PTO ficate correcting the error.		
2.	Enclo	sed herewith is (37 CFR § 1.324(b))		
Α.		a statement from each person to be deleted as an inventor.		
		a statement from each person who is being added as an inventor that the inventorship error occurred without any deceptive intention on his or her part.		
В.		ement from the current named inventors who have not submitted a nent under A. above:		
		agreeing to the change of inventorship		
0000	0003 1616	52 10784418 or		

Patent No. US 7,022,894 B2 Attorney Docket No. 0930C Serial No. 10/784,418

- stating that there is no disagreement in regard to the requested change.
- 3. If the patent is assigned, check the following:
 - Also enclosed is the written consent of the assignee.
 - A statement under 37 CFR § 3.73(b), establishing right of assignee to take action, is also enclosed.
- 4. The fee required (37 C.F.R. § 1.20(b)) is paid as follows:
 - Authorization is hereby made to charge the amount of \$130.00 to Deposit Account 16-1852.
 - Charge any additional fees required by this paper or credit any overpayment to Deposit Account 16-1852.

A duplicate of this paper is attached.

Respectfully submitted,

Kim M. Hagemann Agent for Applicant(s) Registration No. 52,982

PIONEER HI-BRED INTERNATIONAL, INC. Corporate Intellectual Property 7250 N.W. 62nd Avenue P.O. Box 0552 Johnston, Iowa 50131-0552

Phone: (515) 248-4878 Facsimile: (515) 334-6883 PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL **FORM**

(to be used for all correspondence after initial filing)

Application Number 10/784,418 Filing Date 02/23/2004 Jerome P. Ranch First Named Inventor Art Unit 1638 **Examiner Name** Robinson, Keith O. Attorney Docket Number 0930C

Total Number of Pages in This Submiss	ion 18	Attorney Docket N	lumber	0930C	
ENCLOSURES (check all that apply)					
Fee Transmittal Form	☐ Drawing(s)		After Allowance Communication to TC		
Fee Attached	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
After Final	Petition to Convert to a Provisional Application			Proprietary Information	
Affidavits/declaration(s)		Attorney, Revocation of Correspondence Add	tress	Status Letter	
Extension of Time Request	☐ Terminal Disclaimer ☐ Request for Refund ☐ CD, Number of CD(s) ☐ Landscape Table on CD			Other Enclosure(s) (please identify below):	
Express Abandonment Request			1) Statement of Non-Deceptive Intent 2) Statement Agreeing to Change 3) Consent of Assignee to Change 4) Statement Under 37 CFR 3.73(b) 5) Copy of Recorded Assignment		
☐ Information Disclosure Statement					
Certified Copy of Priority Document(s)	Remarks				
Reply to Missing Parts/ Incomplete Application					
Reply to Missing Parts under 37 CFR1.52 or 1.53					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm	Pioneer Hi-Bre	d International, Inc.	-		
Signature	K.	H Xlar			
Printed Name	Kim M. Hagem	ann			
Date	September 5, 2	2006	Reg. No.	52,982	
CERTIFICATE OF TRANSMISSION/MAILING					

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below

Signature

Date September 5, 2006 Typed or printed name Kim M. Hagemann

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent

US 7,022,894 B2

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: April 4, 2006

Name of Patentee

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Title of Invention

Methods of Transforming Plants and Identifying Parental

Origin of a Chromosome in Those Plants

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED BY PETITION TO CHANGE INVENTORSHIP IN PATENT (37 CFR § 1.324(B)(1)

I, the person who is being added as an inventor by the petition being submitted to correct the inventorship of this patent do hereby declare that the inventorship error in failing to include my name as an inventor on this patent occurred without any deceptive intention on my part.

Terry EuClaire Meyer

Name of inventor being added

& Eu Claire Meyo

Signature

Attorney Docket No.

0930C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

US 7,022,894 B2

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Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT AGREEING TO CHANGE OF INVENTORSHIP IN PATENT BY CORRECTLY NAMES INVENTORS (37 CFR § 1.324(B)(2)

I, an inven	tor signing below and
	who is being retained as an inventor who is being deleted as an inventor
	ve identified patent, make the following statement in support of the petition the inventorship of this patent:
	I agree to the change of inventorship in this patent.
\boxtimes	I have no disagreement in regard to the requested change of inventorship of this patent.
	Terry EuClaire Meyer
	Name of inventor being added
	Jeron A Road
	Jefome P. Ranch, Retained Inventor

Patent No. US 7,022,894 B2 Attorney Docket No. 0930C Serial No. 10/784,418

Terry EuClaire Meyer
Name of inventor being added
Wallace A. Marsh, Retained Inventor
Terry EuClaire Meyer Name of inventor being added
Dwight T. Tomes, Retained Inventor
Terry EuClaire Mayer Name of inventor being added
Name of interitor being added
Min
Zue-Yu Zhao, Retained Inventor

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

US 7,022,894 B2

Date of Issue

April 4, 2006

Name of Patentee

Pioneer Hi-Bred International, Inc.

Title of Invention

Methods of Transforming Plants and Identifying Parental Origin of a

Chromosome in Those Plants

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP IN PATENT (37 CFR § 1.324(b)(3))

PIONEER HI-BRED INTERNATIONAL, INC.,

owner by assignment of the above patent,					
		in the assignment being recorded concurrently herewith,			
	\boxtimes	in the as	in the assignment recorded in the PTO on June 2, 2004.		
		Frame	<u>0542</u>		
		Reel	<u>014682</u>		
hereby	consent	s to the ar	mendment of the inven	torship of this patent as requested	
	\boxtimes	in the ac	companying papers.		
		in the pa	pers mailed to the PTC) on	
			(complete the f	ollowing, if applicable)	
			is a "STATEMENT UN ne assignee to take act	NDER 37 CFR 3.73(b)," establishing the ion in this case.	
Date:	<u>Septem</u>	nber 5, 200	<u>06</u>	Signature Signature	
				Kim M. Hagemann (type or print name of signatory)	
				Patent Agent Title of signatory signing on behalf of entity	

PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SEP 1 1 2006

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Pioneer Hi-Bred International, Inc. Application No./Patent No.: US 7,022,894 B2 Filed/Issue Date: April 4, 2006 Entitled: Methods of Transforming Plants and Identifying Parental Origin of a Chromosome in Those Plants Pioneer Hi-Bred International, Inc. , a <u>Corporation</u> (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: the assignee of the entire right, title, and interest; or 冈 an assignee of less than the entire right, title, and interest The extent (by percentage) of its ownership interest is _____ % in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014682, Frame 0542, or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. 2. From: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. 3. From:_ To: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the **USPTO. See MPEP 302.08]** The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 5, 2006 Signature Date Kim M. Hagemann (515) 248-4878 Printed or Typed Name Telephone Number Patent Agent

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon The individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Title



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JUN 0 4 2004

JUNE 03, 2004

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PIONEER HI-BRED INTERNATIONAL INC. KIM M. HAGEMANN 7100 NW 62ND AVENUE, P.O. BOX 1000 CORPORATE INTELLECTUAL PROPERTY JOHNSTON, IA 50131-1000



* 700088657A*

0930C



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/02/2004

REEL/FRAME: 014682/0542

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RANCH, JEROME P.

DOC DATE: 06/01/2004

ASSIGNOR:

MARSH, WALLACE A.

DOC DATE: 05/21/2004

ASSIGNOR:

TOMES, DWIGHT T.

DOC DATE: 05/21/2004

ASSIGNOR:

ZHAO, ZUO-YU

DOC DATE: 06/01/2004

ASSIGNEE:

PIONEER HI-BRED INTERNATIONAL,

INC.

400 LOCUST STREET

800 CAPITAL SQUARE

DES MOINES, IOWA 50309

014682/0542 PAGE 2

SERIAL NUMBER: 10784418 FILING DATE: 02/23/2004

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS OF TRANSFORMING PLANTS AND IDENTIFYING PARENTAL ORIGIN OF A

CHROMOSOME IN THOSE PLANTS

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

PR/ASSIGNMENTS 6/4/04 5:51 PAGE 4/4 RightFAX 08/02/04 WED 11:00 FAX 515 334 888 06/02/2004 HI-BRED DSM OPR/ASSIGNMENTS

Form PTO-1595 RECORDATION PORM COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) PATENTS ONLY			
Tab settings ウウウ ▼ ▼ ▼ ▼ ▼ ▼			
To the Honorable Commissioner of Patents and Trademarks: F	Please Record the attached original documents or copy thereof.		
 Name of conveying party(ies): Jerome P. Ranch Wallace A. Marsh Dwight T. Tomes Zuo-Yu Zhao Additional name of conveying party(ies) attached? Yes No 	2. Name and address of receiving party(ies) Name: Pioneer Hi-Bred International, Inc. Internal Address:		
3. Nature of conveyance:	Street Address: 800 Capital Square 400 Locust Street City: Des Moines State: IA Zip: 50309 Additional Name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/784.418 Additional numbers attached? ☐ Yes ☑ No			
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: [1]		
Name: Kim M. Hagemann	7. Total fee (37 CFR 3.41) \$ 40.00		
Internal Address: Pioneer Hi-Bred International, Inc. Corporate Intellectual Property	☐ Enclosed ☑ Authorized to be charged to deposit account		
Street Address: 7100 NW 62 nd Avenue 16-1852 P.O. Box 1000 City: Johnston State: IA Zip: 50131-1000 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing informis a true copy of the original document. Kim M. Hagemann Name of Person Signing			

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC. 800 Capital Square 400 Locust Street Des Moines, Iowa 50309

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "Methods of Transforming Plants and Identifying Parental Origin of a Chromosome in Those Plants"

as set forth in this United States Patent Application

	executed concurrently herewith
\boxtimes	executed on June 1, 2004
	Serial No. 10/784,418 filed February 23, 2004

said Application including all provisional, non-provisional, divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said Applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said Applications and every priority right that is or may be predicated upon or arise from said inventions, said Applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Date	Jerome P. Ranch
State of Four County of Police) SS.
Ranch is the person who app	know or have satisfactory evidence that Jerome P. beared before me and said person acknowledged that d acknowledged it to be his free and voluntary act for oned in the instrument.
	Dated 6-1-2004
SHARON BILLER COMMISSION # 180336 MY COMMISSION EXPIRES 7-14-2004	Signature of Notary Public Sharon Biller
1-14-2004	Printed Name Sharod Billen

My appointment expires ____

5/2 (/2014 Date	Wallace A. Marsh
State of) ss.
I certify that I Marsh is the person who ap	know or have satisfactory evidence that Wallace A peared before me and said person acknowledged that dacknowledged it to be his free and voluntary act for oned in the instrument.
	Dated 5-21-2004
SHARON BILLER COMMISSION # 180336	Signature of Notary Public Sharon Biller
MY COMMISSION EXPIRES 7-19-2004	Printed Name Shanon Billen
	My appointment expires 7-19-2004

<u> </u>	Nay 21, 2004	Dwight T. Tomes		
	e of Towa) ss.		
I certify that I know or have satisfactory evidence that Dwight T. Tome is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.				
		Dated 5-21-2004		
ON.	SHARON BILLER COMMISSION # 180336 MY COMMISSION EXPIRES	Signature of Notary Public Sharon Biller		
TOWA	7-19-2001	Printed Name Shakon Billen		
		My appointment expires 7-19-2004		

• •

6/1/04	
Date	Zuo-Yu Zhao
the person who appeared be) ss. now or have satisfactory evidence that Zuo-Yu Zhao is a sefore me and said person acknowledged that he signeredged it to be his free and voluntary act for the uses and astrument.
	Dated 6-1-2004
SHARON BILLER	Signature of Maron Biller
COMMISSION # 180336 MY COMMISSION EXPIRES 7-19-2004	Printed Name Shanow Biller
1044	My appointment expires 7-19-2004

SEP 1 1 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Certificate of Mailing under 37 CFR 1.8

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on_	September 5, 2006		
	Date	Signature d	
		Kim M. Hagemann	
		Typed or printed name of p	erson signing Certificate
	52,982		(515) 248-4878
	Registration N	umber, if applicable	Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

- 1) Transmittal Form / 1 Page (1 copy)
- 2) Petition for Correction of Inventorship of Patent / 2 Pages (2 copies)
- 3) Statement of Non-Deceptive Intent by Person Being Added by Petition / 1 Page (1 copy)
- 4) Statement Agreeing to Change of Inventorship in Patent / 2 Pages (1 copy)
- 5) Consent of Assignee to Change of Inventorship in Patent / 1 Page (1 copy)
- 6) Statement Under 37 CFR 3.73(b) / 1 Page (1 copy)
- 7) Copy of Recorded Assignment / 8 Pages (1 copy)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.